

I.3  
6/27/97

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT

EPA Region 5 Records Ctr.



284419

I. HEADING

Date: June 27, 1997

Subject: Frost Manufacturing Company, Kenosha, Kenosha County,  
Wisconsin

From: *Amie B. Vega*  
Rey Rivera, OSC, U.S. EPA, Region 5, Chicago

To: E. Watkins, OSWER, Wash., D.C. (703-603-9133)  
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B. Messenger, Chief, U.S. EPA ESS (312-353-9176)  
B. Henning-Guria, U.S. EPA ESS (312-353-9176)  
T. Lesser, U.S. EPA Off. Public Affairs (312-353-1155)  
G. Narsete, U.S. EPA Off. Public Affairs (312-353-1155)  
J. Cox, U.S. EPA ORC (312-886-0747)  
U.S. Coast Guard, Dist. 9 (216-902-6121)  
U.S. Fish & Wildlife Service, WI (414-465-7410)  
J. Burnett, WDNR (608-267-2768)  
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B. Amungwafor, WDNR-SE Region (414-229-0810)  
S. Krewson, City of Kenosha (414-653-4045)

POLREP # 17 (June 23 - June 27, 1997)

II. BACKGROUND

Site No: A551 Delivery Order No: 5001-05-413  
CERCLIS No: WID006090286  
Response Authority: CERCLA NPL Status: Non-NPL  
State Notification: Yes Start Date: March 10, 1997  
Status of Action Memorandum: Approved (Signed January 15, 1997)

III. SITE DESCRIPTION

See initial POLREP.

IV. RESPONSE INFORMATION

A. Actions Taken

- ° Two Baker tanks were demobilized from the site.
- ° Removal of contaminated ventilation system on the roof of the main building was completed.
- ° The holes in the main plant roof, caused by the removal of contaminated ventilation system were sealed.
- ° Removal of contaminated ventilation system on the roof of the foundry building was initiated.

- Electrical switch shed in the courtyard was removed, and the debris placed in the non-hazardous rolloff box.
- Fourteen 20-cubic yard roll-off boxes with 15-cubic yards each of hazardous debris were delivered to City Environmental in Detroit, Michigan under manifest number MI4843336, MI4843337, MI4843338, MI4843340, MI4843341, MI4843342, MI4843343, MI4843344, MI4843345, MI4843346, MI4843347, MI4841137, MI4841138, and MI4841139.
- Two 15-cubic yard roll-off box with 15-cubic yards of non-hazardous debris were delivered to Waste Management Southeast Wisconsin in Franklin, Wisconsin.
- Removal of the contaminated concrete wall and pad in the room adjacent and south of the plating room was completed.
- The plating room roof was braced as needed. The plating room columns were constructed of either brick or cross-hatched reinforced iron beam. The foundation of the cross-hatched reinforced iron beam columns were either brick on top of sand with concrete surrounding the column on top of the brick, or concrete surrounding the column on top of the different layers of concrete floor.
- One load of 1,500 pounds of insulated copper wire was recycled at Miller Compressing Co., Milwaukee, Wisconsin.
- A 1,500-gallon poly tank was cleaned and readied for shipping.
- Drums number 168 and 169 were added to the decontamination water. Drum number 163 was added to the hazardous wastes solids waste stream.
- Twelve soil samples were collected from grided squares in the plating room floor, after a one foot lift of contaminated soil was excavated and stockpiled. The samples were analyzed with a XRF 920. The results indicated that all the samples were above the U.S.EPA site cleanup standards for chromium, ten samples above the standards for copper, six samples for arsenic, and three samples for zinc.
- Lead contaminated dust from the foundry building's gutters was removed and the down spout area was decontaminated. The material from the gutters was put in the hazardous waste solids rolloff box for disposal. The two downspout pipes on the north side of the foundry building that were under the sidewalk were sealed with a cement plug.
- Two small baghouse structures were removed from the courtyard of the main building. The debris were placed in the hazardous wastes solids waste stream.

#### **B. Next Steps**

- Disposal of waste streams.
- Remove contaminated ventilation systems on foundry building roof.
- Remove contaminated soils from the plating room.

- Remove contaminated soils from courtyard area, the former transformer area in the east alley, and contaminated areas of the east alley.
- Epoxy seal exterior plating room wall.
- Remove contaminated baghouse structures.
- Clean rafters in foundry building of lead contaminated dusts.
- Pump out water from machinery pits in foundry building and seal pits.

## V. COSTS

### Extramural Costs:

Total Cleanup Contractor (ERCS) Costs	\$584,922
START	\$39,160
<b>Total, Extramural Costs</b>	<b>\$624,082</b>

### Intramural Costs:

U.S. EPA	\$31,806
<b>Total, Intramural Costs</b>	<b>\$31,806</b>

<b><u>TOTAL SITE COST</u></b>	<b><u>\$655,888</u></b>
<b>Project Ceiling</b>	<b>\$973,900</b>

<b>Project Funds Remaining (percentage)</b>	<b>67%</b>
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The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

## VI. DISPOSITION OF WASTES

<u>Wastestream</u>	<u>Medium</u>	<u>Quantity</u>	<u>Containment</u>	<u>Treatment</u>	<u>Disposal</u>
Non-haz debris	Solid	610 cy	rolloff	Landfill	Best Disposal Co., Menomonee Falls, WI
Scrap metal	Solid	280 cy	rolloff	Recycle	Miller Compressing Co., Milwaukee, WI
Scrap metal (Engine with flywheel)	Solid	6,000 lb	N/A	Recycle	Miller Compressing Co., Milwaukee, WI
Scrap metal (press)	Solid	60,000 lb	N/A	Recycle	Miller Compressing Co., Milwaukee, WI
Copper metal	Solid	8,804 lb	N/A	Recycle	Miller Compressing Co., Milwaukee, WI
D007 haz waste	Solid	715 cy	rolloff	Landfill	City Environmental, Inc., Detroit, MI
Transformers	Solid	7	N/A	Recycle/Disposal	S.D. Meyers, Tallmadge, OH
Asbestos	Solid	20 cy	rolloff	Landfill	Pheasant Run Recycling & Disposal Facility, Bristol, WI
Decontamination Water	Liquid	17,150 gal	tanker	Treatment	Cyanokem, Detroit, MI
PCB's	Solid	2,050 lb.	drums	Incineration	SD Myers, Inc. Tallmadge, OH
Flammable Liquid	Liquid	4,344 gal	tanker	Incineration	Michigan Recovery Systems, Inc. Romulus, MI



**FROST MANUFACTURING SITE**  
Phone (414) 652.2347 Fax (414) 652.2348



**EPA** 414.652.3057  
**ECOLOGY & ENVIRONMENT** 414.657.0182

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TO: <u>Listed Parties</u>	
COMPANY:	
PHONE:	FAX:
DATE: <u>6-27-97</u>	
FROM: <u>Sonia R. Vega USEPA OSC</u>	
COMMENTS: <u>Please distribute to listed parties</u> <u>Polrep #17.</u>	

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6523 SOUTH 14TH AVENUE

KENOSHA, WI 53143

NO.	COM	PAGES	FILE	DURATION	X/R	IDENTIFICATION	DATE	TIME	DIAGNOSTIC
18	OK	002	163	00:01'56	RCV	8003543540	JUN-22	19:57	0150260237000
19	OK	003	164	00:02'25	RCV	8003543540	JUN-22	20:04	0150260237000
20	OK	008/008	165	00:08'27	XMT	13145306854	JUN-23	10:12	0840470777000
21	OK	003/003	166	00:01'48	XMT	13145306854	JUN-23	13:42	0840470777000
22	OK	004	167	00:02'26	RCV		JUN-23	17:09	0110260477000
23	OK	005/005	168	00:02'07	XMT	13145361655	JUN-24	05:33	0840470537000
24	OK	004/004	169	00:01'46	XMT	18474375945	JUN-24	10:35	F840470577000
25	OK	003/003	170	00:04'43	XMT	17738901270	JUN-24	10:42	0800470507000
26	OK	002/002	171	00:00'56	XMT	13145306854	JUN-24	10:52	0840470777000
27	OK	004	172	00:01'14	RCV	3145306854	JUN-24	12:11	0150270377000
28	OK	004/004	173	00:01'33	XMT	18474375945	JUN-24	16:06	F840470577000
29	631	000/003	174	00:00'00	XMT	18474376064	JUN-24	16:24	0A00420000000
30	OK	003/003	176	00:01'41	XMT	18474375945	JUN-24	16:30	F840470577000
31	OK	001/001	177	00:00'40	XMT	13145361655	JUN-25	08:36	0840470537000
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33	410	001	179	00:01'27	RCV	8473362697	JUN-25	08:42	0050260432000
34	OK	001	180	00:00'57	RCV	3145356446	JUN-25	09:09	0150270237000
35	OK	003	181	00:01'33	RCV	8473362697	JUN-25	09:11	0150270337000
36	OK	016/016	182	00:37'02	XMT	17738901270	JUN-25	09:22	0800470507000
37	634	000/003	183	00:00'00	XMT	18474375945	JUN-25	10:35	0800420000000
38	OK	003/003	186	00:02'17	XMT	18474376629	JUN-25	10:45	2840470537000
39	OK	003	187	00:01'53	RCV		JUN-25	14:21	0110260230000
40	OK	002	188	00:01'26	RCV	6167442490	JUN-25	14:44	0150270237000
41	544	000/002	189	00:04'38	XMT	17738901270	JUN-25	15:59	0800470507000
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48	OK	002	195	00:00'40	RCV	3145306854	JUN-26	11:19	0150270377000
49	OK	002	196	00:01'10	RCV	312 578 9345	JUN-26	12:02	0150260A30000
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52	OK	002	199	00:00'49	RCV	8474375945	JUN-26	13:56	0150270377000
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54	OK	009/009	201	00:10'05	XMT	13145306854	JUN-27	09:09	0840470777000
55	OK	001/001	202	00:00'37	XMT	E&E	JUN-27	10:47	6840470577000
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57	OK	005/005	204	00:02'39	XMT	OSWER	JUN-27	12:27	7840470777000
58	OK	005/005	204	00:01'56	XMT	USEPA ERB	JUN-27	12:30	A840470577000
59	OK	005/005	204	00:01'56	XMT	ORC	JUN-27	12:32	A840470577000
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61	OK	005/005	204	00:02'38	XMT	US FISH	JUN-27	12:37	C8444B0537000
62	OK	005/005	204	00:01'55	XMT	WDNR	JUN-27	12:40	A840470577000
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66	OK	002/002	205	00:00'39	XMT	18474375945	JUN-27	13:10	F840470577000
67	OK	007	206	00:03'22	RCV	16095309055	JUN-27	13:17	0150270237000

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